



U.S. Department  
of Homeland Security  
**United States  
Coast Guard**

## LOCAL NOTICE TO MARINERS

**District: 9**

**Week: 13/16**

Issued by: Commander (dpw)  
Ninth Coast Guard District  
1240 East Ninth Street,  
Cleveland, OH 44199-2060  
Telephone: (216) 902-6069

Direct questions about this LNM to the above address.

All distances in this publication are STATUTE MILES unless otherwise noted.

\*District Nine Internet Address\* <http://www.uscg.mil/d9/uscgd9.html>

\*District Nine Local Notice to Mariners email Address\* D09-DG-District-D9-LocalNoticeToMariners

\*\* Navigation Information Service watchstander, 24 hours a day at (703) 313-5900 \*\* \*\*Internet Address\*\* <http://www.navcen.uscg.gov/>

Light List Reference: Commandant Publication P16502.7, VOL VII, 2016 Edition

Coast Pilot Reference: 2016 U.S. Coast Pilot 6 Great Lakes 46th Edition

Coast Pilots, along with corrections are available at: <http://nauticalcharts.noaa.gov/nsd/cpdownload.htm>

The Local Notice to Mariners is available on the Internet at <http://www.navcen.uscg.gov/?pageName=InmMain> You will also have links to other government agencies- web pages including the US Army Corps of Engineers and the National Ocean Service.

### REPORT DISCREPANCIES IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT

The Ninth District and all Sector offices for their areas of responsibility issue a BROADCAST NOTICE TO MARINERS.

The following Broadcast Notice to Mariners have been incorporated into this week's Local Notice to Mariners:

Sector Buffalo, NY - B012-16 through B014-16

Ninth District - C030-16 through C030-16

Sector Detroit, MI - D021-16 through D023-16

Sector Lake Michigan, WI - M080-16 through M087-16

Sector Sault Ste Marie, MI - S035-16 through S038-16

The United States Coast Guard Navigation Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information for GPS and DGPS. The

NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar Users (NANU). NANU notices can be obtained via email subscription through the USCG Navigation Center website: <http://cgls.uscg.mil/mailman/listinfo/nanu>. In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS or AIS service. Users are encouraged to report all degradation or loss of radio navigation services to the NIS via any of the following: Phone: (703) 313-5900, mail to: [webmaster@smtp.navcen.uscg.mil](mailto:webmaster@smtp.navcen.uscg.mil), or on the internet at: <http://www.navcen.uscg.gov>

### ABBREVIATIONS

#### A through H

ADRIFT - Buoy Adrift  
AICW - Atlantic Intracoastal Waterway  
AI - Alternating  
B - Buoy  
BKW - Breakwater  
bl - Blast  
BNM - Broadcast Notice to Mariner  
bu - Blue  
C - Canadian  
CHAN - Channel  
CGD - Coast Guard District  
C/O - Cut Off  
CONT - Contour  
CRK - Creek  
CONST - Construction  
DAYMK/Daymk - Daymark

#### I through O

I - Interrupted  
ICW - Intracoastal Waterway  
IMCH - Improper Characteristic  
INL - Inlet  
INOP - Not Operating  
INT - Intensity  
ISL - Islet  
Iso - Isophase  
kHz - Kilohertz  
LAT - Latitude  
LB - Lighted Buoy  
LBB - Lighted Bell Buoy  
LHB - Lighted Horn Buoy  
LGB - Lighted Gong Buoy  
LONG - Longitude  
LNM - Local Notice to Mariners

#### P through Z

PRIV - Private Aid  
Q - Quick  
R - Red  
RACON - Radar Transponder Beacon  
Ra ref - Radar reflector  
RBN - Radio Beacon  
REBUILT - Aid Rebuilt  
RECOVERED - Aid Recovered  
RED - Red Buoy  
REFL - Reflective  
RRL - Range Rear Light  
RELIGHTED - Aid Relit  
RELOC - Relocated  
RESET ON STATION - Aid Reset on Station  
RFL - Range Front Light  
RIV - River

DBN/Dbn - Daybeacon  
 DBD/DAYBD - Dayboard  
 DEFAC - Defaced  
 DEST - Destroyed  
 DISCON - Discontinued  
 DMGD/DAMGD - Damaged  
 ec - eclipse  
 EST - Established Aid  
 ev - every  
 EVAL - Evaluation  
 EXT - Extinguished  
 F - Fixed  
 fl - flash  
 FI - Flashing  
 G - Green  
 GIWW - Gulf Intracoastal Waterway  
 HAZ - Hazard to Navigation  
 HBR - Harbor  
 HOR - Horizontal Clearance  
 HT - Height

LT - Light  
 LT CONT - Light Continuous  
 LTR - Letter  
 LWB - Lighted Whistle Buoy  
 LWP - Left Watching Properly  
 MHz - Megahertz  
 MISS/MSNG - Missing  
 Mo - Morse Code  
 MRASS - Marine Radio Activated Sound Signal  
 MSLD - Misleading  
 N/C - Not Charted  
 NGA - National Geospatial-Intelligence Agency  
 NO/NUM - Number  
 NOS - National Ocean Service  
 NW - Notice Writer  
 OBSCU - Obscured  
 OBST - Obstruction  
 OBSTR - Obstruction  
 Oc - Occulting  
 ODAS - Anchored Oceanographic Data Buoy

RRASS - Remote Radio Activated Sound Signal  
 s - seconds  
 SEC - Section  
 SHL - Shoaling  
 si - silent  
 SIG - Signal  
 SND - Sound  
 SPM - Single Point Mooring Buoy  
 SS - Sound Signal  
 STA - Station  
 STRUCT - Structure  
 St M - Statute Mile  
 TEMP - Temporary Aid Change  
 TMK - Topmark  
 TRLB - Temporarily Replaced by Lighted Buoy  
 TRLT - Temporarily Replaced by Light  
 TRUB - Temporarily Replaced by Unlighted Buoy  
 USACE - Army Corps of Engineers  
 W - White  
 Y - Yellow

Additional Abbreviations Specific to this LNM Edition:

LIB - Lighted Ice Buoy

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## SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

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### CAUTION TO BE USED IN RELIANCE UPON AIDS TO NAVIGATION

The aids to navigation depicted on charts comprise a system of fixed and floating aids to navigation with varying degrees of reliability. Prudent mariners will not rely solely on any single aid to navigation, particularly a floating aid to navigation. With respect to buoys, the buoy symbol is used to indicate the approximate position of the buoy body and the sinker which secures the buoy to the seabed. The approximate position is used because of the practical limitations in positioning and maintaining buoys and their sinkers in precise geographical locations. These limitations include, but are not limited to, inherent imprecision in position fixing methods, prevailing atmospheric and sea conditions, slope of and the material making up the seabed, the fact that buoys are moored to sinkers by varying length of chain, and the fact that the buoy body and/or sinker positions are not under continuous surveillance, but are normally checked only during periodic maintenance visits which often occur more than a year apart. Due to the forces of nature, the position of the buoy body can be expected to shift inside and outside the charted symbol. The mariner is also cautioned that buoys may be extinguished or sound signals may not function as the result of ice, running ice, or other natural causes, collisions, or other accidents. For the foregoing reasons, a prudent mariner must not rely completely upon the position or operation of floating aids to navigation, but will also utilize bearings from fixed objects and aids to navigation on shore. Further, a vessel attempting to pass close aboard always risks collision with a yawing buoy or with the obstruction that the buoy marks.

LNM: 06/14

### IMPORTANT SAFETY NOTICE ABOUT THE RELIABLE OPERATION OF ECDIS

Following an announcement by the International Maritime Organization (IMO) concerning potential display anomalies in some ECDIS systems, the International Hydrographic Organization (IHO) issued an ENC Data Presentation and Performance Check in October 2011. This check is intended to assist mariners and to help determine the extent of the anomalies. IHO has received reports from mariners confirming that a number of ECDIS fail to display some significant underwater features in the "Standard" display mode. For all significant objects to be visible to the mariner, these ECDIS must be operated in "Full display" or "All display" mode until a software upgrade is made available from the manufacturer. Mariners are strongly encouraged to use the IHO ENC Data Presentation and Performance Check issued through ENC service providers and also available directly from the IHO website ([www.iho.int](http://www.iho.int)) to check the operation of their ECDIS and to determine whether their system is affected. IHO Circular Letter 33/2012 is available on the Coast Guard's Navigation Center website (<http://www.navcen.uscg.gov>) under the heading News and Notices.

LNM: 12/12

### RANGE STRUCTURES

The U.S. Coast Guard has become aware that Coast Guard information used to depict a rangeline on NOAA Electronic Navigational Charts (ENC) may not be of sufficient accuracy to accurately portray the rangeline on the ENC. Mariners are cautioned that the position of a rangeline as shown on an ENC may not reflect its true position.

LNM: 04/11

### USACE NOTICE TO NAVIGATION INTERESTS

Current Federal Channel conditions, shoaling, and the most recent channel surveys are available at the following Army Corps of Engineers web sites:

Buffalo: <http://www.lrb.usace.army.mil/>  
Detroit: <http://www.lre.usace.army.mil/>  
Chicago: <http://www.lrc.usace.army.mil/>  
Rock Island: <http://www.mvr.usace.army.mil/>

LNM: 28/12

#### **GREAT LAKES- AIS PROGRAM**

The following aids to navigation have been established as either synthetic or virtual ATON. Synthetic AIS ATON is a signal broadcasted from an AIS base station to coincide with an existing physical aid to navigation. Virtual AIS ATON is a signal broadcasted from an AIS base station that is electronically charted, but non-existent as a physical aid to navigation. Buoys and lighted buoys that are replaced by a can or nun winter mark will be synthetic AIS ATON year round. Buoys and lighted buoys that are not replaced with a can or nun winter mark will be synthetic AIS ATON during their advertised season in the light list and virtual AIS ATON when not on station.

LNM: 42/15

#### **St. Lawrence Seaway - Carleton Island to Charity Shoal - Chart 1430 (C)**

Tibbetts Point Light (LLNR 1735)

LNM: 42/15

#### **Lake Erie - Erie Harbor - Chart 14835**

Erie Harbor Entrance Lighted Bell Buoy "1" (LLNR 3515)  
Erie Harbor Entrance Lighted Buoy "5" (LLNR 3535)

LNM: 42/15

#### **Lake Erie - Toledo Harbor - Chart 14847**

Maumee Bay Entrance Lighted Buoy "1" (LLNR 6045)  
Maumee Bay Lighted Buoy "10" (LLNR 6090)  
Maumee Bay Lighted Buoy "21" (LLNR 6155)  
Maumee Bay Lighted Buoy "30" (LLNR 6195)

LNM: 42/15

#### **Lake Erie - Sandusky harbor - Chart 14845**

Moseley Channel Lighted bell Buoy "1" (LLNR 4580)  
Moseley Channel Lighted Buoy "2" (LLNR 4585)

LNM: 42/15

#### **Lake Erie - Monroe Harbor - Chart 14846**

Monroe Harbor Lighted Buoy "1" (LLNR 6570)  
Monroe Harbor Lighted Buoy "2" (LLNR 6575)

LNM: 42/15

#### **Detroit River - Chart 14848**

East Outer Channel Lighted Buoy "16" (LLNR 6960)  
Amherstburg Channel Lighted Buoy "23" (LLNR 6965)  
River Rouge Canal Entrance Lighted Buoy "2" (LLNR 8160)  
Belle Isle Lower Junction Lighted Buoy (LLNR 8205)  
Belle Isle North Lighted Buoy "113" (LLNR 8245)  
Peche Island Lighted Buoy "114" (LLNR 8255)

LNM: 42/15

#### **Lake St. Clair - Chart 14850**

Lake St. Clair Lighted Buoy "2" (LLNR 8420)  
Lake St. Clair Lighted Buoy "8" (LLNR 8450)  
Lake St. Clair Lighted Buoy "29" (LLNR 8565)  
Lake St. Clair Lighted Buoy "30" (LLNR 8570)

LNM: 42/15

**St. Clair River - Chart 14852**

Russel Island Shoal Lighted Buoy "R1" (LLNR 9745)  
Fawn Island Lighted Buoy "38" (LLNR 9780)  
Marine City Shoal Lighted Buoy "40" (LLNR 9790)  
St. Clair Middle Ground Lighted Buoy "52" (LLNR 9885)  
Stag Island Lighted Buoy "58" (LLNR 9935)

LNM: 42/15

**Lake Huron - Lake Huron Cut - Chart 14862**

Lake Huron Cut Lighted Buoy "1" (LLNR 10035)  
Lake Huron Cut Lighted Buoy "11" (LLNR 10085)  
Lake Huron Cut Lighted Buoy "12" (LLNR 10090)

LNM: 42/15

**Lake Huron - Saginaw Bay - Chart 14867**

Charity Island Shoal Lighted Bell Buoy "1" (LLNR 10530)  
Charity Island Shoal Lighted Buoy "3" (LLNR 10535)  
Saginaw Bay Channel Lighted Buoy "5" (LLNR 10600)  
Saginaw Bay Channel Lighted Buoy "6" (LLNR 10605)  
Saginaw Bay Channel Lighted Buoy "15" (LLNR 10660)  
Saginaw Bay Channel Lighted Buoy "16" (LLNR 10665)

LNM: 42/15

**Lake Huron - Harrisville to Forty Mile Point - Chart 14864**

Alpena Junction Lighted Buoy "AL" (LLNR 11390)  
Nordmeer Wreck Lighted Buoy "WR1" (LLNR 11505)

LNM: 42/15

**Straits of Mackinac - De Tour Passage to Waugoshance Point - Chart 14881**

Round Island Lighted Buoy "3" (LLNR 12575)  
Round Island Lighted Buoy "5" (LLNR 12590)

LNM: 42/15

**Lake Superior - Duluth Harbor - Chart 14975**

Duluth Harbor Basin Traffic Buoy (LLNR 15870)

LNM: 42/15

**Lake Michigan - Waugoshance to Seul Choix Point - Chart 14911**

New Shoal Lighted Buoy "1" (LLNR 17740)  
New Shoal Lighted Bell Buoy "3" (LLNR 17745)  
Grays Reef passage Channel Lighted Buoy "7" (LLNR 17780)

LNM: 42/15

**Lake Michigan - Platte Bay to Leland - Chart 14912**

Pyramid Point Shoal Lighted Buoy "5" (LLNR 18350)  
Sleeping Bear Lighted Bell Buoy "7" (LLNR 18365)

LNM: 42/15

**Lake Michigan - Calumet and Indiana harbor - Chart 14929**

Chicago Lake Front Northeast Shoal Lighted Buoy "2" (LLNR 19790)

LNM: 42/15

**Lake Michigan - Upper Green Bay - Chart 14909**

St. Martin Island Shoal Lighted Buoy "2" (LLNR 21435)  
Chambers island West Shoal Lighted Bell Buoy "3" (LLNR 21900)  
Green island Southeast Shoal Buoy "2" (LLNR 21975)

LNM: 42/15

**Lake Michigan - Big Bay De Noc - Chart 14908**

Southwest Drisco Shoal Lighted Buoy "DA" (LLNR 21605)

LNM: 42/15

**Lake Michigan - Little Bay De Noc - Chart 14915**

Little Bay De Noc Lighted buoy "8" (LLNR 21630)

LNM: 42/15

**Lake Michigan - Menominee and Marinette Harbors - Chart 14917**

Menominee Entrance Lighted Buoy "1" (LLNR 21920)

Menominee Entrance Lighted Buoy "2" (LLNR 21925)

LNM: 42/15

**Lake Michigan - Lower Green Bay - Chart 14910**

Sherwood Point Traffic Lighted Bell Buoy (LLNR 22005)

LNM: 42/15

**Lake Michigan - Head of Green bay - Chart 14918**

Green Bay Harbor Entrance Channel Lighted Buoy "1" (LLNR 22105)

Green Bay Harbor Entrance Channel Lighted Bell Buoy "2" (LLNR 22110)

Green Bay Harbor Entrance Channel Lighted Buoy "5" (LLNR 22125)

Green Bay Harbor Entrance Channel Lighted Buoy "9" (LLNR 22145)

Green Bay Harbor Entrance Channel Lighted Buoy "10" (LLNR 22150)

LNM: 42/15

**SPECIAL NOTICE**

USCG NATION-WIDE AUTOMATIC IDENTIFICATION SYSTEM (NAIS) NETWORK TESTING

On August 10, 2015, the U.S. Coast Guard will begin AIS Application Specific Message (AIS-ASM) testing. The test transmissions will occur between 0001-2359Z, 7 days/week. The test messages can be identified by their Maritime Mobile Service (MMSI) number: 300669139 or 00366613 and by the words "USCG TEST" within the contents of the message. Mariners are requested to contact the USCG Navigation Center at 1-703-313-5900 or TIS-PF-NISWS@uscg.mil with any questions, comments, or to report any safety and/or operational impacts caused by this testing.

Application Specific Messages to be tested include: messages 6, 8, 25, and 26, DAC=367, FI's=22, 29, 33, 35; AIS Safety Related Text (SRM) messages: 8 (DAC=001, FI=0) and 14. The messages will be of various lengths, using repetitions of the text "USCG TEST". For further information on AIS messages, DACs, and FI's visit <http://www.navcen.uscg.gov/?pageName=AISMessages>.

LNM: 31/15

**THE DATES OF LATEST EDITIONS, NAUTICAL CHARTS AND MISCELLANEOUS MAPS**

Up to date information on latest editions, nautical charts and miscellaneous maps can be found at the following web address:  
<http://www.nauticalcharts.noaa.gov/>

LNM: 32/13

**COAST PILOT 6-NEW EDITION**

PUBLICATION—National Oceanic Atmospheric Administration (NOAA)—U.S. Coast Pilot 6, Great Lakes and their connecting waterways, 46th Edition, 2016, has been issued and is ready for free download and weekly updates at <http://nauticalcharts.noaa.gov/nsd/cpdownload.htm>.

Only Print-on-Demand (POD) bound copies are available for purchase; see <http://www.nauticalcharts.noaa.gov/staff/charts.htm#POD>.

The 2016 Edition cancels the preceding 2015 Edition, and incorporates all previous corrections.

LNM: 08/16

**THE 2016 ELECTRONIC LIGHT LIST**

The 2016 Light List is now available.

Coast Guard Light Lists are a means for communicating aids to navigation information to the maritime public. The last government printed Light Lists were the 2014 editions. While the Light Lists will no longer be available in government printed form, commercial reproductions may be available for purchase from maritime service providers. Local Notices to Mariners will continue to advertise Light List corrections and NAVCEN will continue to publish a compilation of corrections.

2016 Light Lists are available on the USCG Navigation Center's website at: <http://www.navcen.uscg.gov/?pageName=lightLists>

Complete versions of the 2016 Light Lists are updated weekly on the NAVCEN website and mariners should download applicable copies and updates as needed at: <http://www.navcen.uscg.gov/?pageName=lightListWeeklyUpdates>.

A summary of 2016 Light List corrections are available at: <http://www.navcen.uscg.gov/?pageName=lightListCorrections>

Guidance for use of electronic navigation publications onboard U.S. vessels can be found at:  
[http://www.uscg.mil/hq/cgcv/cvc/policy/policy\\_letters/543/CG-543\\_pol10-05.pdf](http://www.uscg.mil/hq/cgcv/cvc/policy/policy_letters/543/CG-543_pol10-05.pdf)

LNM: 02/16

#### **USE OF ELECTRONIC CHARTS AND PUBLICATIONS IN LIEU OF PAPER CHARTS, MAPS, AND PUBLICATIONS**

The U.S. Coast Guard has issued Navigation and Vessel Inspection Circular (NVIC) No. 01-16 which contains guidance on the use of electronic charts and publications in lieu of paper charts, maps, and publications. This guidance applies to U.S. flagged vessels subject to U.S. domestic chart, map, and publication carriage requirements contained in Titles 33 and 46 of the Code of Federal Regulations. The NVIC can be viewed at <https://www.uscg.mil/hq/cg5/nvic/default.asp> or <https://cgportal2.uscg.mil/library/directives/SitePages/Home.aspx>.

LNM: 06/16

#### **GREAT LAKES - Great Lakes Water Levels**

The expected water levels on the Great Lakes for April 01, 2016. Connecting Channels and the St. Lawrence River, given in inches above (+) or below (-) Low Water Datum (LWD). LWD is a plane of reference used on a navigation chart. It is also known as chart datum.

Great Lakes:

Lake Ontario +33, Lake Erie +39, Lake St. Clair +37, Lake Michigan-Huron +24, Lake Superior +11.

St Lawrence River:

Above Long Sault Dam +37, Above Iroquois Dam +22, Ogdensburg +22, Alexandria Bay +26, Head of River at Cape Vincent +33.

Detroit River:

Lake Erie at Pelee Passage +39, Mouth of River at Gibraltar +40, Fort Wayne +41, Head of River above Belle Isle +38.

St. Clair River:

Mouth of River at St. Clair Flats +37, Algonac +39, St. Clair +32, Blue Water Bridge +31, Head of River at Fort Gratiot +27, Lake Huron Approach Channel +24.

St. Marys River:

Mouth of River at Detour +24, West and Middle Neebish +22, Head of Little Rapids +22, U.S. Slip +21, Above Locks +13, Head of River at Point Iroquois +11.

Available water depth is determined for a location by adding (if +) or subtracting (if -) the amount from the above to the water depth shown on National Oceanic and Atmospheric Administration (NOAA) navigational charts. Caution: Depths so determined are representative of a still water surface elevation, disturbed by neither wind nor other causes. Depth, however, may be reduced or increased as much as several feet for short periods of time due to these disturbances, or when sections of channels develop shoals. Vessel masters should refer to the Local Notice to Mariners for extent of shoaling and scattered bedrock projections in all channels. For further information direct inquiries to: Department of the Army, Detroit District Corps of Engineers P. O. Box 1027, Detroit, MI 48231, (313) 226-6443. Additional information can be found on the U.S. Army Corps of Engineers Information Center website at <http://www.lre.usace.army.mil/Missions/GreatLakesInformation/GreatLakesWaterLevels/WaterLevelForecast/ConnectingChannelsForecast.asp>

LNM: 13/16

#### **Lake Erie – OH - Toledo Harbor - Chart 14847**

Manhattan Range Front Light (LLNR 6105) The structure that supports the light and day board was damaged by ice. The structure is leaning slightly and may not align with the rear range to mark the center of the channel as advertised on the nautical charts. Mariners should use caution not relying solely on the Manhattan Range and continuously check their position by other means in relationship to the channel center. The structure is scheduled to be replaced in 2016.

LNM: 18/14

#### **LAKE ERIE - West End of Lake Erie - Chart 14846**

Port Clinton East Pierhead Light "1" (LLNR 5870) The Day mark has been temporarily discontinued due to significant damage to the structure. The light remains operational and will remain operational until construction. The pier and light structure are scheduled to be replaced during the summer of 2016. During the construction the aid to navigation structure will be removed to make way for the pier construction. A lighted buoy will mark the east side of the channel entrance at that time. Upon completion of the construction a new aid to navigation structure will be installed with a light and day mark. Future updates can be found in the Local Notice to Mariner as the construction progresses and aid to navigation signals change.

LNM: 47/15

**LAKE HURON- MI – Straits of Mackinac – Chart 14881**

Spectacle Reef Light (LLNR 11730) has changed its lighting characteristics. The nominal range of this aid has changed to (10 statute miles) and the flash has changed to F I R 4s. All mariners are requested to transit the area with caution.

LNM: 07/16

**Lake Michigan - Waugoshance Point to Seul Choix Point - Chart 14911**

An uncharted object has been reported north of the LCA track lines east of Lansing Shoal in approximate position 45-54.647'N 085-24.970'W. The object appears to be 23-24 feet below the surface at low water datum.

LNM: 30/15

**Lake Michigan - WI - Port Washington to Waukegan - Chart 14904**

An uncharted white buoy three feet by two feet is anchored in position 42-46.685N and 087-43.413W, mariners are requested to transit the area with caution.

LNM: 38/15

**Chicago River – IL – Chicago – Chart 14928**

A temporary 60 foot floating dock for paddle craft is positioned on the southern bank of the South Branch of the Chicago River at mile 322.5, approximately 1000 feet west of the S. Halsted St Bridge through December, 2016. Mariners should be aware of the structure and be on the lookout for arriving/departing paddle craft.

LNM: 44/15

**ST. MARYS RIVER - Chart 14884 - Chart 14883 - Chart 14882**

The aids in the St. Mary's River previously advertised in the Advanced Section, Section V of the Local Notice to Mariner to become synthetic AIS ATON have been turned off due to coverage issues. This problem is being resolved and the aid`s should be turned back on prior to the Spring 2016 navigation season.

LNM: 50/15

**LAKE SUPERIOR - Duluth Harbor - Chart 14975**

Duluth Harbor Basin Traffic Buoy (LLNR 15870) is not operating as an AIS ATON as previously advertised. The aid will become an AIS ATON prior to the beginning of the Spring 2016 navigation season.  
Duluth Harbor Basin Lighted Buoy "3" (LLNR 15880) is currently operating as an AIS ATON.

LNM: 50/15

**LAKE SUPERIOR - St. Mary's River to Au Sable Point - Chart 14962**

Little Lake Harbor has shoaled to less than 4 feet across the entrance between Little Lake Harbor Light "2" (LLNR 14540) and Little Lake Harbor Light "3" (LLNR 14545). The aids to navigation will continue to be maintained however transiting into this harbor is not recommended due to the shoaling.

LNM: 12/16

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**SECTION II - DISCREPANCIES**

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

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**DISCREPANCIES (FEDERAL AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
965	St. Lawrence Seaway Lighted Buoy 132 (C)	LT EXT		B297-15	52/15	
2975.1	Bird Island Reef EU Buoy 6 (C)	SINKING		B277-15	48/15	
3515	Erie Harbor Entrance Lighted Bell Buoy 1	OFF STA	14835	B006-16	11/16	
<b>7335</b>	<b>West Outer Channel Buoy 7</b>	<b>OFF STA</b>	<b>14844</b>		<b>13/16</b>	
<b>7385</b>	<b>Point Mouillee Access Channel Buoy 4</b>	<b>OFF STA</b>	<b>14854</b>		<b>13/16</b>	
<b>18875</b>	<b>Muskegon Hartshorn Light</b>	<b>LT EXT</b>	<b>14934</b>	<b>M084-16</b>	<b>13/16</b>	
<b>19595</b>	<b>Burns Waterway Jetty North Light 1</b>	<b>LT EXT</b>	<b>14926</b>	<b>M087-16</b>	<b>13/16</b>	

**DISCREPANCIES (FEDERAL AIDS) CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1615	St. Lawrence Seaway Lighted Buoy 233	WATCHING PROPERLY		B011-16	12/16	13/16
3535	Erie Harbor Entrance Lighted Buoy 5	WATCHING PROPERLY	14835	B014-16	13/16	13/16
6565	Monroe Harbor Range Rear Light	WATCHING PROPERLY	14846		13/16	13/16
6755	Outer Light (C)	WATCHING PROPERLY		B012-16	12/16	13/16
7735	Fighting Island Channel South Light	WATCHING PROPERLY	14853	D022-16	13/16	13/16
13280	Middle Neebish South Range Rear Light	WATCHING PROPERLY	14887	S004-16	02/16	14/16
19285	Holland Harbor South Breakwater Light	WATCHING PROPERLY	14932	M082-16	13/16	13/16
19295	Holland Harbor South Pierhead Light	WATCHING PROPERLY	14932		13/16	13/16

**DISCREPANCIES (PRIVATE AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1473	Rock Island Light	LT EXT	14773	B266-15	47/15	
8695	Grosse Point Club Harbor Entrance West Light	LT EXT	14853	D179-15	42/15	
15935	Duluth Marine Terminal South Light	LT EXT	14975	S053-15	17/15	
20135	Wilson Avenue Intake Crib Light	LT IMCH	14926	M502-15	39/15	

**DISCREPANCIES (PRIVATE AIDS) CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None

**PLATFORM DISCREPANCIES**

Name	Status	Position	BNM Ref.	LNM St	LNM End
------	--------	----------	----------	--------	---------

None

**PLATFORM DISCREPANCIES CORRECTED**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

**SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED**

This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position.

**TEMPORARY CHANGES**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
4451	Vermilion Museum Lighthouse	DISCONTINUED	14826	B002-16	08/16	
6015	Cooley Canal Front Range Light	DISCONTINUED	14846		11/16	
6016	Cooley Canal Rear Range Light	DISCONTINUED	14846		11/16	

**TEMPORARY CHANGES CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None

**PLATFORM TEMPORARY CHANGES**

Name	Status	Position	BNM Ref.	LNM St	LNM End
------	--------	----------	----------	--------	---------

None

**PLATFORM TEMPORARY CHANGES CORRECTED**

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

## SECTION IV - CHART CORRECTIONS

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections.

This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only.

It is up to the mariner to decide which chart(s) are to be corrected. The following example explains individual elements of a typical chart correction.

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97
Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER						
Main Panel 2245 NEW YORK HARBOR					CGD01	
(Temp) ADD	NATIONAL DOCK CHANNEL BUOY 3				at 40-41-09.001N	074-02-48.001W
	Green can					
Corrective Action	Object of Corrective Action				Position	

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true.

Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

<b>14848</b>	<b>58th Ed.</b>	<b>01-OCT-07</b>	<b>Last LNM: 04/16</b>	<b>NAD 83</b>		<b>13/16</b>
<i>ChartTitle: Detroit River</i>						
<b>Main Panel 1252 DETROIT RIVER . Page/Side: N/A</b>						
RELOCATE	Trenton Channel Lighted Buoy 11				CGD09 from 42-09-28.309N to 42-09-23.463N	083-09-55.206W 083-09-57.720W
ADD	Trenton Channel Buoy 10A Red				CGD09 at 42-09-23.874N	083-09-52.980W

<b>14853</b>	<b>17th Ed.</b>	<b>01-MAR-08</b>	<b>Last LNM: 04/16</b>	<b>NAD 83</b>		<b>13/16</b>
<i>ChartTitle: SMALL-CRAFT BOOK CHART - Detroit River, Lake St. Clair and St. Clair River (book of 47 charts)</i>						
<b>Extension 1265 DETROIT RIVER, PAGE 4. Page/Side: 4</b>						
RELOCATE	Trenton Channel Lighted Buoy 11				CGD09 from 42-09-28.309N to 42-09-23.463N	083-09-55.206W 083-09-57.720W
ADD	Trenton Channel Buoy 10A Red				CGD09 at 42-09-23.874N	083-09-52.980W

<b>14854</b>	<b>14th Ed.</b>	<b>01-MAR-04</b>	<b>Last LNM: 04/16</b>	<b>NAD 83</b>		<b>13/16</b>
<i>ChartTitle: Trenton Channel and River Rouge;River Rouge</i>						
<b>Main Panel 1310 TRENTON CHANNEL DETROIT RIVER AND ROUGE RIVER. Page/Side: N/A</b>						
RELOCATE	Trenton Channel Lighted Buoy 11				CGD09 from 42-09-28.309N to 42-09-23.463N	083-09-55.206W 083-09-57.720W
ADD	Trenton Channel Buoy 10A Red				CGD09 at 42-09-23.874N	083-09-52.980W

<b>14903</b>	<b>24th Ed.</b>	<b>01-SEP-08</b>	<b>Last LNM: 19/12</b>	<b>NAD 83</b>		<b>13/16</b>
<i>ChartTitle: Algoma to Sheboygan;Kewaunee;Two Rivers</i>						
<b>Main Panel 1363 ALGOMA TO SHEBOYGAN. Page/Side: N/A</b>						
CHANGE	Sheboygan North Pierhead Light to 6 St M				CGD09 at 43-44-57.484N	087-42-09.377W

14916	10th Ed.	01-JUL-02	Last LNM: 08/16	NAD 83	13/16
ChartTitle: <b>SMALL-CRAFT BOOK CHART - Lake Winnebago and Lower Fox River (book of 34 charts)</b>					
<b>Extension 1440 LOWER FOX RIVER PAGE 34. Page/Side: 34</b>					
DELETE	Sounding in Feet; 14	(NOS NW-25585)	NOS	44-31-15.830N	088-00-31.120W
DELETE	Sounding in Feet; 17	(NOS NW-25585)	NOS	44-31-17.830N	088-00-32.760W
DELETE	Sounding in Feet; 17	(NOS NW-25585)	NOS	44-31-19.000N	088-00-33.600W
DELETE	Sounding in Feet; 18	(NOS NW-25585)	NOS	44-31-20.280N	088-00-34.740W
CHANGE	Depth Legend - Green Bay Harbor; 21 1/2 FT FOR MID-WIDTH OF 150 FEET NOV 2015	(NOS NW-25585)	NOS	44-32-46.000N	088-00-05.000W
ADD	Sounding in Feet; 19	(NOS NW-25585)	NOS	44-31-18.240N	088-00-34.470W

14918	28th Ed.	01-DEC-15	Last LNM: 08/16	NAD 83	13/16
ChartTitle: <b>Head of Green Bay, including Fox River below De Pere;Green Bay</b>					
<b>Inset 1443 GREEN BAY WISCONSIN. Page/Side: A</b>					
DELETE	Sounding in Feet; 14	(NOS NW-25585)	NOS	44-31-15.830N	088-00-31.120W
DELETE	Sounding in Feet; 17	(NOS NW-25585)	NOS	44-31-19.000N	088-00-33.600W
DELETE	Sounding in Feet; 18	(NOS NW-25585)	NOS	44-31-20.280N	088-00-34.740W
ADD	Sounding in Feet; 19	(NOS NW-25585)	NOS	44-31-18.240N	088-00-34.470W
<b>Main Panel 1442 HEAD OF GREEN BAY INCLUDING FOX RIVER BELOW DE PERE. Page/Side: A</b>					
CHANGE	Depth Legend - Green Bay Harbor; 21 1/2 FT FOR MID-WIDTH OF 150 FEET NOV 2015	(NOS NW-25585)	NOS	44-32-46.000N	088-00-05.000W
ADD	Sounding in Feet; 19	(NOS NW-25585)	NOS	44-31-18.240N	088-00-34.470W

14922	20th Ed.	01-NOV-08	Last LNM: 01/16	NAD 83	13/16
ChartTitle: <b>Manitowoc and Sheboygan</b>					
<b>CHART MANITOWOC AND SHEBOYGAN HARBORS. Page/Side: N/A</b>					
CHANGE	Sheboygan North Pierhead Light to 6 St M		CGD09	at 43-44-57.484N	087-42-09.377W
<b>Extension 1447 MANITOWOC AND SHEBOYGAN WISCONSIN SHEBOYGAN. Page/Side: N/A</b>					
CHANGE	Sheboygan North Pierhead Light to 6 St M		CGD09	at 43-44-57.484N	087-42-09.377W

OIL RIG MOVEMENT						
Drill Rigs/Vessels Removed						
<u>Latitude</u>	<u>Longitude</u>	<u>Block</u>	<u>Rigs/Vessel</u>	<u>Chart</u>	<u>Type</u>	<u>Status</u>
None						
Drill Rigs/Vessels Established						
<u>Latitude</u>	<u>Longitude</u>	<u>Block</u>	<u>Rigs/Vessel</u>	<u>Chart</u>	<u>Type</u>	<u>Status</u>
None						

SECTION V - ADVANCE NOTICES		
This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.		
SUMMARY OF ADVANCED APPROVED PROJECTS		
<u>Approved Project(s)</u>	<u>Project Date</u>	<u>Ref. LNM</u>

None

Advance Notice(s)

**LAKE ERIE - ISLAND IN LAKE ERIE - Chart 14844**

Change the following unlighted buoys to lighted buoys as described below:

Ballast Island Channel Buoy "6" (LLNR 5660) to a lighted buoy with a light characteristic of I R 2.5s with a 4 statute mile range.

Ballast Island Channel Buoy "7" (LLNR 5665) to a lighted buoy with a light characteristic of FI G 4s with a 4 statute mile range.

LNM: 48/15

**Lake Erie - OH - Toledo Harbor - Chart 14847**

Manhattan Range Front Light (LLNR 6105) The aid will be temporarily discontinued at the end of March until 10 May to remove the damaged structure and complete construction of the new structure that supports the light and daymark.

LNM: 10/16

**ST. CLAIR RIVER - Chart 14852**

Harts landing Light (LLNR 9860) change the light characteristic from FG to FI G 6(1) and increase the range from 8 to 9 statute miles. It has been reported that the FG characteristic is difficult to see with the background lights.

LNM: 48/15

**Lake Huron - Lake Huron Cut - Chart 14862**

Lake Huron Cut Light "7" (LLNR 10065) Permanently discontinue the fog signal.

LNM: 43/15

**Lake Huron - Saginaw Bay - Chart 14863**

Tawas Light (LLNR 11240) Discontinue the light at the lighthouse and move it to Tawas Point where the fog signal is located in approximate position 44-14.9040N / 083-27.5477W. Change the characteristic Oc W 4s (R sector) to FI W 4(1). Eliminate the red sector. The range would remain 12 statute miles.

LNM: 44/13

**Lake Huron - Port Huron to Pte Barques - Chart 14862**

Port Sanilac Light (LLNR 10115) Reduce the range of the light from 16 statute miles to 14 statute miles.

LNM: 12/14

**Lake Michigan - Algoma to Sheboygan - Chart 14903**

Kewaunee Shoal Light (LLNR 20950) change the seasonal fog signal operation from Apr. 1 to Dec. 1, to Apr. 1 to Nov. 1.

LNM: 27/14

**Lake Michigan - Upper Green Bay - Chart 14909**

St. Martin Island Light (LLNR 21450) change the characteristic of the light from AL WR 10s to FI W 10s. The range would be reduced from 18 statute miles to 16 statute miles.

LNM: 31/14

**Lake Michigan - Holland Harbor - Chart 14932**

Holland Harbor South Pierhead Light (LLNR 19295) change the characteristic from AL WR 10s to FI R 10s and reduce the range of the light from 17 statute miles to 15 statute miles.

LNM: 39/12

**Lake Michigan - Upper Green Bay - Chart 14909**

Boyer Bluff Light (LLNR 21770) reduce the range of the light from 8 statute miles to 6 statute miles.

Eagle Bluff Light (LLNR 21825) reduce the range of the light from 7 statute miles to 6 statute miles.

LNM: 28/15

#### **Lake Michigan - Indiana Harbor - Chart 14929**

Indiana Harbor Light "6" (LLNR 19695) Remove the higher intensity beam on bearing 165.5 degrees.  
Indiana Harbor Light "7" (LLNR 19700) Remove the higher intensity beam towards the lake.

LNM: 46/15

#### **Lake Michigan - Port Washington to Waukegan - Chart 14904**

Kenosha South Pier Light (LLNR 20435) Remove higher intensity beam lake ward.

LNM: 47/15

#### **LAKE MICHIGAN -Calumet River - Chart 14929**

Calumet Harbor Breakwater South End Light (LLNR 19800) Change the fog signal from operating continuously to "Fog Signal operates by keying microphone five times on VHF FM Channel 83A".

LNM: 48/15

#### **Lake Michigan - Waugoshance Point to Seul Choix Point - Chart 14911**

St. James Light (LLNR 17845) increase the range of the light from 10 statute miles to 12 statute miles.

LNM: 22/13

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### **SECTION VI - PROPOSED CHANGES**

Periodically, the Coast Guard evaluates its system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing aids are considered. This section contains notice(s) of non-approved, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to the District office unless otherwise noted (see banner page for address).

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#### **PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT**

##### Proposed Project(s)

None

##### Closing

##### Docket No.

##### Ref. LNM

##### Proposed Change Notice(s)

#### **LAKE MICHIGAN - Manitowoc and Sheboygan - Chart 14922**

Sheboygan North Pierhead Light (LLNR 20835) increase the range of the light from 3 statute miles to 6 statute miles.

LNM: 13/16

#### **St. Mary's River - Munuscong lake to Sault Ste. Marie - Chart 14883**

Change the following range lights from lighted 24 hours to operate at night only:

Point of Woods Range Front light (LLNR 13145)

Point of Woods Range Rear Light (LLNR 13155)

LNM: 12/16

#### **Lake Superior - Big Bay Point to Redridge - Chart 14964**

Point Abbaye Shoal Bell Buoy "3" (LLNR 14740) Change from an unlighted bell buoy to a lighted bell buoy with a light characteristic of FI G 4s, 4 statute mile range.

Copper Harbor Entrance Bell Buoy "CH" (LLNR 15180) Change from an unlighted bell buoy to a lighted bell buoy with a light characteristic of Mo (A) W, 5 statute mile range.

Eagle Harbor Shoal Gong Buoy "1" (LLNR 15205) Change from an unlighted gong buoy to a lighted bell buoy with a light characteristic of FI G 4s, 4 statute mile range.

LNM: 47/15

#### **For any comments or questions on these proposed changes please contact:**

Mr. Doug Sharp of the Ninth District Aids to Navigation office at (216) 902-6070.

LNM: 30/13

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### **SECTION VII - GENERAL**

This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas.

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### **Waterways Analysis and Management System Study - 2016**

The Coast Guard is conducting a Waterways Analysis and Management System Study on the following waterways during 2016. The study focuses on the area's aid to navigation system, waterborne commerce, marine casualty information, emergency response plans, routine and emergency communication capabilities, and future development projects. Any company or individual wishing to comment on the waterway reviews listed below is encouraged to contact the Coast Guard unit listed or email comments to [william.d.sharp@uscg.mil](mailto:william.d.sharp@uscg.mil). Any comments emailed will be forwarded to the appropriate unit for use in the WAMS project. A survey is attached to the Local Notice to Mariner and can be used to comment on these reviews or on any waterways located in the Great Lakes.

Sackets Harbor (LLNR 1755 - 2024.9)  
Oswego Harbor (LLNR 2025 - 2140)  
Sodus Bay (LLNR 2145 - 2275)  
Buffalo Black Rock Canal (LLNR 2665 - LLNR 3360)  
Dunkirk Harbor (LLNR 3365 - LLNR 3492)  
Commander  
Sector Buffalo  
1 Fuhrmann Blvd.  
Buffalo, N.Y. 14203  
(716) 843-9524

Huron Harbor (LLNR 4430 - LLNR 5455)  
Commanding Officer  
USCGC Bristol Bay (WTGB 102)  
110 Mt. Elliot Avenue  
Detroit, Mi. 48207  
(313) 568-9548

Munising/Grand Marais (LLNR 14550 - LLNR 14615)  
Marquette (LLNR 14620 - LLNR 14720)  
Commander  
Sector Sault Ste. Marie  
337 Water St.  
Sault Ste. Marie, Mi. 49783  
(906) 635-3270

Keweenaw Waterway (LLNR 14725 - LLNR 15250)  
Commanding Officer  
USCGC Alder (WLB 216)  
1201 Minnesota Avenue  
Duluth, Mn. 55802  
(218) 529-3131

LNM: 39/12

### **GREAT LAKES - Marine Events**

Marine events such as races, parades, regattas, and fireworks displays are frequently held in the Great Lakes region. Advance information on specific events is contained in enclosure (2) of this publication. The public is reminded to listen to the local broadcast notice to mariners for the most up-to-date information on a marine event. Mariners are advised that some events may require temporary aids to navigation that are not displayed on a chart or in the Light List, and that they should exercise additional caution while operating in the vicinity of a scheduled marine event.

LNM: 24/13

### **NEW YORK BARGE CANAL – NY – Erie Canal – Chart 14786 – Bridge Maintenance**

From December 7, 2015 through April 21, 2016 equipment and cofferdams will be in the waterway at the E145, East Henrietta Road Bridge at Mile 260 over the Erie Canal at Rochester, NY. Vessels will be unable to pass the work area until all equipment is removed.

LNM: 49/15

### **NEW YORK BARGE CANAL – NY – Erie Canal – Chart 14786 – Bridge Maintenance**

From February 15 through March 31, 2016 scaffolding that extends 4 feet below low steel will be installed under the E230 Exchange Street Bridge at Mile 322.0 over the Erie Canal near the town of Lockport, NY.

LNM: 07/16

### **LAKE ONTARIO – NY – Irondequoit Bay – Chart 14804 – Bridge Winter Hours**

From November 2, 2015 to April 1, 2016 the Seasonal Irondequoit Bay Outlet Bridge at the mouth of Irondequoit Bay will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time.

LNM: 44/15

**NEW YORK BARGE CANAL – NY – Erie Canal – Chart 14786 – Bridge Maintenance**

From April 1, 2016 through October 31, 2017, two platforms will be installed under the E-63A, I-81 Bridges at Mile 150.7 over the Erie Canal at Hastings, NY that are 8 feet wide and hang approximately 4 feet below low steel. Flashing red lights will be displayed on the bottom four-corners of the platforms and a minimum of 85 feet horizontal clearance will be clear of any obstructions to allow vessels to pass under the bridge.

LNM: 45/15

**LAKE ONTARIO – NY – Rochester River - Chart 14815 – Bridge Special Event**

On September 18, 2016 between the hours of 0400 and 1330 the O'Rourke Bridge at Mile 1.25 over the Genesee River will be secured to masted navigation in conjunction with the Rochester Marathon. Vessels able to pass under the bridge without an opening may do so at any time.

LNM: 10/16

**LAKE ERIE – OH – Maumee River - Chart 14846 – Bridge Replacement**

From July 1, 2015 through December 31, 2017, Bridge demolition and construction activities will be performed at the State Route 109 Bridge at Mile 44.4 over the Maumee River near Napoleon, Ohio. Mariners should use caution when transiting the area.

LNM: 20/14

**LAKE ERIE – OH – Ashtabula Harbor - Chart 14836 – Bridge Winter Hours**

From December 13, 2015 through March 29, 2016 the Fifth Street Bridge at Mile 0.15 over the Ashtabula River will require a 12 hour advance notice for openings. Mariners should provide advance notice by calling: 440-576-2816, or 440-969-4919, or 440-536-2941, or 440-645-9041.

LNM: 45/15

**LAKE ERIE – NY – Niagara River – Chart 14822 – Bridge Maintenance**

From July 10, 2016 through May 18, 2019 scaffolding that extends approximately 6 feet below low steel will be installed under the Peace Bridge at Mile 1.5 over the Black Rock Canal. Amber lights will mark the bottom and four corners of the scaffolding hanging below low steel. Scaffolding under the bridge over the Niagara River will remain above low steel.

LNM: 16/15

**LAKE ERIE – NY – Niagara River - Chart 14822 – Bridge Maintenance**

From June 6 through June 30, 2016 between the hours of 0700 and 1600 Monday through Friday, a 100 foot by 34 foot barge will be washing the South Grand Island Bridges at Mile 27.5 over the Niagara River. The barge will move to accommodate vessels as needed.

LNM: 11/16

**LAKE ERIE – OH – Maumee River - Chart 14846 – Bridge discrepancy**

The Coast Guard has received a report that the lights on the CSX Railroad Bridge at Mile 11.38 over the Maumee River are extinguished.

LNM: 14/15

**LAKE ERIE – OH – Lorain Harbor – Chart 14841 – Bridge Maintenance**

From May 2 through September 16, 2016 a 120 foot by 30 foot barge will be working at the 21st Street Bridge at Mile 2.0 over the Black River. The barge will move to allow vessels to pass with a 1 hour advance notice. Mariners should provide advance notice directly to the barge on VHF-FM Marine channel 16 or by calling: 614-679-2564.

LNM: 12/16

**LAKE ERIE – OH – Maumee River - Chart 14847 – Bridge Maintenance**

From 0600 on April 17 to 0600 on April 19, 2016 the Norfolk Southern Railroad Bridge at Mile 5.76 over the Maumee River will be secured to masted navigation. Vessels able to pass under the bridge without an opening

LNM: 08/16

**LAKE ERIE – OH – Cleveland Harbor - Chart 14839 – Bridge Construction**

From January 15 through May 14, 2016 between the hours of 0700 and 1900 Monday through Saturday, a 180 foot by 52 foot barge will be working at the New Inner Belt Freeway Bridge at Mile 3.38 over the Cuyahoga River. The barge will move if a 4 hour advance notice is provided by calling: 412-780-5095 or 330-419-8965 or 330-419-2744.

LNM: 49/15

**DETROIT RIVER – MI – River Rouge - Chart 14848 – Bridge Maintenance**

From March 21 through March 25, 2016 from 0700 to 1900 each day, the West Jefferson Avenue Bridge at Mile 1.10 over River Rouge will require a 2 hour advance notice for openings. A 120 foot by 50 foot barge will be working under the bridge and will move to allow vessels to pass. Mariners should provide advance notice directly to the drawtender by calling: 616-215-4359 or 616-437-0796.

LNM: 10/16

**DETROIT RIVER – MI – River Rouge - Chart 14848 – Bridge Maintenance**

From 0600 on June 12 to 1800 on June 18, 2016 the West Jefferson Avenue Bridge at Mile 1.10 over the River Rouge will be secured to masted navigation. 3 barges 120 feet by 50 feet or smaller will be working under the bridge. Vessels able to pass under the bridge without an opening may do so at any time.

LNM: 08/16

Malcolm Marine Inc. will be conducting dredging operations at the Grosse Pointe yacht Club, Lake St Clair. Operations will commence March 24th,

**LAKE ST CLAIR - MI – Grosse Pointe – Chart 14850**

2016 thru April 9th, 2016. The hours of operation are 0700-1900 hours a day, Monday thru Saturday. A barge will be anchored at position 41-25.917n 082-52.205w marked with a buoy. Mariners are urged to use caution while transiting the area. Contact TUG CAPT DAVE on marine VHF-FM Channel 12 or 75. For further information contact Capt. David Malcolm at (810) 329-9013.

LNM: 13/16

**LAKE HURON – MI – Port Huron – Chart 14865 – Bridge Winter Hours**

From December 1, 2015 through March 31, 2016 the Canadian National Railroad Bridge at Mile 1.56 over the Black River will require a 24 hour advance notice for openings. Mariners should provide advance notice by calling 708-332-3160 or 877-333-7989 or 248-431-0673.

LNM: 39/15

**LAKE HURON – MI – Inland Route- Chart 14886 – Bridge Maintenance**

From January 2, 2017 through March 31, 2017 the State Street Bridge at Mile 0.92 will be secured to masted navigation. Scaffolding will be installed that hangs approximately 6 feet below the bridge and a barge will be used at the bridge. A 30 foot wide channel will be maintained to allow vessels to pass under the bridge.

LNM: 40/15

**LAKE MICHIGAN – MI – Grand Haven – Chart 14933 – Bridge Special Event**

From 2200 on July 4 until 0200 on July 5, 2016 the U.S. 31 Bridge at Mile 2.89 over the Grand River will be secured to masted navigation in conjunction with the City of Grand Haven fireworks display.

LNM: 12/16

**LAKE MICHIGAN – WI – Fox River – Chart 14916 – Bridge Winter Hours**

From October 30, 2015 through April 20, 2016 the following bridges will require a 12 hour advance notice for openings: Main Street Bridge at Mile 55.97, The Jackson Street Bridge at Mile 56.22, the Wisconsin Street Bridge at Mile 56.72, and the Congress Avenue Bridge at Mile 85.01, all over the Fox River at Oshkosh, WI. Mariners should provide advance notice by calling: 920-832-5580 or 920-832-5500 or 920-232-1715

LNM: 44/15

**LAKE MICHIGAN – IL – Chicago River - Chart 14927 – Bridge Maintenance**

From March 7, 2016 through June 16, 2016, between the hours of 0700 and 1530 Monday through Friday a 120 foot by 32 foot barge will be working under the Courtland Avenue Bridge at Mile 4.48, CORPS MILE 328.2 over the North Branch of the Chicago River. The barge will monitor VHF-FM Marine Channel 16 and will move to allow vessels to pass if a 1 hour advance notice of arrival is provided.

LNM: 08/16

**LAKE MICHIGAN – IL – Chicago River – Chart 14927 – Bridge Maintenance**

From October 23, 2015 through September 1, 2016 one leaf of the Lake Street Bridge at Mile 1.64, CORPS MILE 325.5, over the South Branch of the Chicago River will be secured to masted navigation, except from March 1 through April 29, 2016 when both leaves of the bridge will operate normally.

LNM: 39/15

**LAKE MICHIGAN – IN – Indiana Harbor, Chart 14929 – Bridge Underwater Hazard**

The Coast Guard has received a report of an underwater obstruction near the position of the former Canal Street Bridge at Mile 1.88 over the Indiana Harbor Canal.

LNM: 01/14

**LAKE MICHIGAN – IL – Chicago River – Chart 14927 – Bridge Discrepancy**

The Coast Guard has received a report that the following bridges over the Main, North, and South Branches of the Chicago River have lights showing improper characteristics or lights that are extinguished:

Roosevelt Road Bridge at Mile 2.94

Harrison Street Bridge at Mile 2.44

Eisenhower Expressway Bridges at Mile 2.35

Van Buren Street Bridge at Mile 2.26

Jackson Boulevard Bridge at Mile 2.17

Adams Street Bridge at Mile 2.08

Monroe Street Bridge at Mile 1.99

Washington Street Bridge at Mile 1.81

Randolph Street Bridge at Mile 1.73

Lake Street Bridge at Mile 1.64

Franklin Street Bridge at Mile 1.47

LaSalle Street Bridge at Mile 1.29

Dearborn Street Bridge at Mile 1.13

Wabash Avenue Bridge at Mile 0.98

Michigan Avenue Bridge at Mile 0.85

Columbus Drive Bridge at Mile 0.67

Lake Shore Drive Bridge at Mile 0.32

Kinzie Street Bridge at mile 1.81

Grand Avenue Bridge at Mile 2.00

**LAKE MICHIGAN – IL – Chicago River – Chart 14927 – Bridge Discrepancy**

LNM: 48/15

**LAKE MICHIGAN – MI – Grand Haven – Chart 14933 – Bridge Special Event**

From 2200 on August 6 until 0200 on August 7, 2016 the U.S. 31 Bridge at Mile 2.89 over the Grand River will be secured to masted navigation in conjunction with the Coast Guard Day fireworks display.

LNM: 12/16

**LAKE MICHIGAN – WI – Sturgeon Bay Ship Canal - Chart 14919 – Bridge Maintenance**

From May 1 through June 30, 2016 the Bay View, State Routes 42/57 Bridge at Mile 3.0 over the Sturgeon Bay Ship Canal will be secured to masted navigation. Vessels able to pass under the bridge without an opening may do so at any time.

LNM: 52/15

**LAKE MICHIGAN – IL – Calumet-SAG Channel – Chart 14927 – Bridge Discrepancy**

The Coast Guard has received a report that the lights on the following bridges over the Calumet-SAG Channel are extinguished:  
Norfolk Southern Railroad Bridge at Mile 22.13, CORPS MILE 310.8.  
Northern Illinois Toll Highway Bridges at Mile 17.35, CORPS MILE 315.6  
Canadian National Railroad Bridge at Mile 29.01, CORPS MILE 304.0.

LNM: 12/16

**LAKE MICHIGAN – IL – Chicago River - Chart 14927 – Bridge Discrepancy**

The Coast Guard has received a report that the lights on the 18th Street Bridge at Mile 3.60 (CORPS MILE 323.7) over the South Branch of the Chicago River are extinguished.

LNM: 35/15

**LAKE MICHIGAN – IL – Little Calumet River – Chart 14927 – Bridge Discrepancy**

The Coast Guard has received a report that the lights on the South Hallstead Street Bridge at Mile 13.0, CORPS MILE 320.1, over the Little Calumet River are extinguished.

LNM: 12/16

**LAKE MICHIGAN – IL – Grand Calumet River – Chart 14927 – Bridge Construction**

From February 8, 2016 through August 25, 2017 contractors will be replacing the Torrance Avenue Bridge at Mile 0.06 over the Grand Calumet River. A 40 foot channel will be available to mariners during the replacement. Any temporary structures used in the construction of the new bridge will be marked with steady burning amber lights.

LNM: 06/16

**LAKE MICHIGAN – WI – Manitowoc – Chart 14922 – Bridge Special Event**

On June 12, 2016 between the hours of 0700 and 1400 the Eight Street Bridge at Mile 0.29 and the Tenth Street Bridge at Mile 0.43, both over the Manitowoc River will be secured to masted navigation in conjunction with the HFM Boston Qualifier Marathon.

LNM: 13/16

**LAKE MICHIGAN – IL – Calumet River – Chart 14927 – Bridge Discrepancy**

The Coast Guard has received a report that the center lights on the Torrence Avenue Bridge at Mile 5.26, CORPS MILE 328.0, are showing improper characteristics.

LNM: 12/16

**LAKE MICHIGAN – WI – Green Bay – Chart 14916**

Dredging operations on the Fox River in green bay, Wisconsin will begin March 28, 2016 and continue until November 13, 2016. The dredges "mark Anthony", "Ottawa river", and "Ashtabula", will work in the area immediately north of the Allouez and Ashwaubenon bridge to the main street bridge. If you have any questions concerning this area of the Fox River please contact the dredges via channel 16 after operations begin. All operations will take place Monday 7:00 a.m thru Saturday 7:00 a.m. All operations will cease for the winter months beginning November 13, 2016. Until freeze up, equipment pipelines may be floating or submerged and are marked with appropriate buoys. All mariners are urged to transit these areas of the Fox River with extreme caution and pay close attention to the red and green channel marker buoys and floating construction zone signage. If you have any questions or for further details, you may also contact sector Lake Michigan at (414)747-7182 or via channel 16 VHF FM.

LNM: 12/16

**LAKE MICHIGAN – WI – Manitowoc – Chart 14922 – Bridge Special Event**

From April 18 through April 20, 2016 between the hours of 0800 and 1500 each day the Eight Street Bridge at Mile 0.29 and the Tenth Street Bridge at Mile 0.43, both over the Manitowoc River will be secured to masted navigation.

LNM: 13/16

**LAKE MICHIGAN – WI – Racine Harbor – Chart 14925 – Bridge Special Event**

On July 4, 2016, between the hours of 0745 and 1130 and again between the hours of 2130 and 2230 the Main Street Bridge at Mile 0.31 and the State Street Bridge at Mile 0.53, both over the Root River will be secured to masted navigation in conjunction with the Fourth Fest of Greater

**LAKE MICHIGAN – WI – Racine Harbor – Chart 14925 – Bridge Special Event**

Racine.

LNM: 13/16

**LAKE MICHIGAN – IL – Calumet River – Chart 14927 – Bridge Discrepancy**

The Coast Guard has received a report that the lights on the following bridge over the Calumet River are discrepant:

92nd Street Bridge at Mile 0.76, all lights extinguished.  
95th Street Bridge at Mile 1.09, all lights extinguished.  
100th Street Bridge at Mile 1.78, all lights extinguished.  
106th Street Bridge at Mile 2.58, center channel lights extinguished.  
City of Chicago Railroad Bridge at Mile 5.24, all lights extinguished.  
130th Street Bridge at Mile 6.25, all lights extinguished.

LNM: 38/15

**LAKE MICHIGAN – IL – Chicago River - Chart 14927 – Bridge Maintenance**

From March 17 through June 20, 2016 scaffolding will be installed under the North Halstead Street Bridge at Mile 2.65, CORPS MILE 326.6, over the North Branch of the Chicago River that extends approximately 3 feet below low steel. An 80 foot by 32 foot barge will be used at the bridge and will move to allow vessels to pass.

LNM: 11/16

**LAKE MICHIGAN – IL – Calumet SAG Channel - Chart 14927 – Bridge Maintenance**

From September 8, 2015 through August 27, 2016 scaffolding will be installed under one half of the Division Street Bridge at Mile 14.49, CORPS MILE 318.5, over the Calumet-SAG Channel that hangs approximately 4 feet below low steel. Steady burning amber lights will mark the bottom and four corners of the scaffolding. One 60 foot by 40 foot barge will be working at the piers under the scaffolding. The barge will monitor VHF-FM marine Channel 16 and will move for river traffic as needed.

LNM: 35/15

**LAKE MICHIGAN – WI – Milwaukee Harbor - Chart 14924 – Bridge Winter Hours**

From November 20, 2015 through April 16, 2016 all city operated bridges in Milwaukee, WI will require a 12 hour advance notice for opening. Mariner should provide advance notice on VHF-FM Marine radio Channel 16 or by calling: 414-286-2575.

LNM: 49/15

**LAKE MICHIGAN – IL – Chicago River – Chart 14927 – Bridge Maintenance**

From March 1 through December 31, 2016, Monday through Saturday, 0700 to 1700 and 2200 to 0500 daily, three 195 foot by 55 foot or smaller barges will be working at the Adams Street Bridge at Mile 2.08, CORPS MILE 325.1, over the South Branch of the Chicago River. The barges will move if provided a 30 minute advance notice of arrival on VHF-FM Marine Channel 16 or by calling: 312-656-7636.

LNM: 03/16

**LAKE MICHIGAN – WI – Fox River - Chart 14916 – Bridge Marine Event**

The following bridges will be secured to masthead navigation in conjunction with the Oshkosh Marathon on April 24, 2016:

Main Street Bridge at Mile 55.97 over the Fox River from 0600 to 1315.  
Wisconsin Street Bridge at Mile 56.72 over the Fox River from 0645 to 1215.  
Congress Avenue Bridge at Mile 58.01 from 0715 to 1145.

LNM: 48/15

**LAKE MICHIGAN – WI – Milwaukee Harbor – Chart 14924 – Bridge Winter Hours**

From November 20, 2015 through April 20, 2016 the Canadian Pacific Railroad Bridge at Mile 1.05 over the Menomonee River and the Canadian Pacific Railroad Bridge at Mile 1.67 over the Kinnickinnic River will require a 12 hour advance notice for openings. Mariners should provide advance notice by calling: 414-389-3772, or 608-742-6000, or 414-278-1385.

LNM: 43/15

**LAKE MICHIGAN – IL – Little Calumet River – Chart 14927 – Bridge Discrepancy**

The Coast Guard has received a report that the lights on the following bridges over the Little Calumet River are extinguished:  
Indiana Avenue Bridge at Mile 10.80 (CORPS MILE 322.2)

LNM: 17/15

**LAKE MICHIGAN – WI – Menominee and Marinette Harbors - Chart 14917 – Bridge Maintenance**

From September 7, 2015 through July 1, 2016 between the hours of 0600 and 1700, Monday through Friday, two 80 foot by 40 foot barges will be replacing the dolphins at the Ogden-First Street Bridge at Mile 0.7 over the Menominee River. The barges will occupy half of the channel but will move to accommodate large vessels with a 30 minute advance notice. Mariners should provide advance notice directly to the barge on VHF-FM Marine Channel 16 or by calling: 262-366-5360 or 262-366-5316. The new dolphins will display steady burning red lights until permanent lighting is installed.

LNM: 35/15

**LAKE MICHIGAN – IL – Calumet-SAG Channel – Chart 14927 – Bridge Maintenance**

From March 28 through November 11, 2016 scaffolding will be installed under one half of the Chatham Street Bridge at Mile 14.77 over the Calumet-SAG Channel that extends approximately 4 feet below low steel. The scaffolding will be on the same side of the river as the scaffolding on the Division Street Bridge allowing vessels to pass through both bridges without major course changes. A 60 foot by 40 foot barge may be used under the scaffolding. The barge may be contacted on VHF-FM Marine Radio Channel 16.

LNM: 13/16

**LAKE MICHIGAN – WI – Green Bay – Chart 14918 – Bridge Discrepancy**

The Coast Guard has received a report that the bridge fendering system is reported damaged with debris protruding into the navigation channel.

LNM: 41/15

**LAKE MICHIGAN – WI – Fox River - Chart 14916 – Bridge Construction**

From October 2, 2014 through November 30, 2018 an 80 foot by 50 foot and a 40 foot by 40 foot barge will be constructing the new State Highway 441 Little Lake Buttes des Morts Bridge at Mile 36.0 over the Fox River at Menasha, WI. A 30 foot wide channel will be maintained through the main navigational draws. Amber lights will mark the low steel of both bridges and red lights will mark the cofferdams around the new piers. The barges will be lighted in accordance with the Navigation Rules.

LNM: 40/14

**LAKE MICHIGAN – IL – Calumet-SAG Canal – Chart 14927 – Bridge Discrepancy**

The Coast Guard has received a report that the lights on the Ridgeland Avenue Bridge at Mile 20.47 ( CORPS MILE 312.5 ) over the Calumet-SAG Channel are extinguished.

LNM: 25/15

**LAKE MICHIGAN – IL – Chicago River – Chart 14927 – Bridge Discrepancy**

The Coast Guard has received a report that the following bridges over the Main, North, and South Branches of the Chicago River have lights showing improper characteristics or lights that are extinguished:

Roosevelt Road Bridge at Mile 2.94  
Van Buren Street Bridge at Mile 2.26  
Adams Street Bridge at Mile 2.08  
Monroe Street Bridge at Mile 1.99  
Franklin Street Bridge at Mile 1.47  
LaSalle Street Bridge at Mile 1.29  
Michigan Avenue Bridge at Mile 0.85  
Columbus Drive Bridge at Mile 0.67  
Kinzie Street Bridge at mile 1.81

LNM: 25/15

**LAKE MICHIGAN – WI – Fox River - Chart 14916 – Bridge Marine Event**

The following bridges will be secured to masthead navigation in conjunction with the Ganther Race the Lake on August 14, 2016:

Main Street Bridge at Mile 55.97 over the Fox River from 0600 to 0800.  
Racine Street Bridge at Mile 37.91 over the Fox River from 0645 to 1000.

LNM: 48/15

**LAKE MICHIGAN – IL – Little Calumet River – Chart 14927**

Torrence Avenue Bridge on the Grand Calumet River, Chicago, IL will be demolished on February 29th or an alternate date from March 1st thru March 10th, 2016. Operations are scheduled 0800-1300 and a safety zone will be enforced on the Little Calumet River 1,500 feet in both directions from the junction of the Grand Calumet River and the Little Calumet River. For further information contact Sector Lake Michigan at (414) 747-7190, or Marine Safety Unit Chicago at (630) 986-2155.

LNM: 07/16

**LAKE MICHIGAN – IL – Chicago Sanitary & Ship Canal - Chart 14927 – Bridge Maintenance**

From March 14 through April 30, 2016 between the hours of 2100 and 0500 daily contractors will be drilling bore holes between the shore and fendering of the Northern Illinois Toll Highway Bridges I-294 at Mile 18.1, CORPS MILE 309.3, over the Chicago Sanitary and Ship Canal. Mariners are warned that drill casings will extend from the bridge deck to the river bed outside of the normal navigation channel.

LNM: 09/16

**LAKE MICHIGAN – IL – Chicago River - Chart 14927 – Bridge Discrepancy**

The Coast Guard has received a report that the lights on the Division Street Bridge at Mile 3.30 ( CORPS MILE 327.0 ) over the North Branch of the Chicago River are extinguished.

LNM: 50/14

**LAKE MICHIGAN – IL – Chicago River - Chart 14927 – Bridge Discrepancy**

**LAKE MICHIGAN – IL – Chicago River - Chart 14927 – Bridge Discrepancy**

The Coast Guard has received a report that the lights on the Cortland Street Bridge at Mile 4.48 (CORPS MILE 328.2) over the North Branch of the Chicago River are extinguished.

LNM: 50/14

**IL – DES PLAINES RIVER - CHANNAHON**

Four work barges will be located on the Des Plaines River from mile 278 to mile 280 on the right descending bank in order to replace multiple pilings. Operations will commence February 1st until May 6th, 2016 during daylight hours only. The vessel Midwest 2 may be contacted on channel 16 during work hours for further information.

LNM: 05/16

**LAKE SUPERIOR – MI – Houghton Hancock – Chart 14972 – Bridge Maintenance**

From September 15, 2016 through December 31, 2016 and again from March 16, 2017 through June 15, 2017, the U.S. 41 Bridge at Mile 16.0 over the Keweenaw Waterway in Houghton-Hancock, MI will be locked in the intermediate position providing approximately 35 feet of clearance at low water datum. The bridge will open fully on the hour, every hour except at 0800, noon, and 1700, excluding holidays and weekends when the bridge will open fully on the hour every hour for recreational vessels. The bridge will operate on signal for commercial vessels.

LNM: 43/15

**LAKE SUPERIOR – MN – Duluth Superior Harbor - Chart 14975 – Bridge Special Event**

From 2000 to 2330 on July 4, 2016 the Minnesota Slip Bridge at the mouth of Minnesota Slip will be secured to masthead navigation and from 1900 on July 4, 2016 to 0100 on July 5, 2016 the Duluth Ship Canal Bridge at Mile 0.25 over the Duluth Ship Canal will be secured to masthead navigation, both in conjunction with the city's annual fireworks display. Vessels able to pass under either bridge without an opening may do so at any time. A rain date of July 5, 2016 is authorized.

LNM: 09/16

**LAKE SUPERIOR – MN – Duluth Superior Harbor - Chart 14975 – Bridge Special Event**

From August 18, 2016 through August 21, 2016 the Minnesota Slip Bridge at the mouth of Minnesota Slip shall open 15 minutes after the hour and 15 minutes before the hour in conjunction with the Tall Ships Challenge Event. Vessels able to pass under the bridge without an opening may do so at any time.

LNM: 09/16

**SECTION VIII - LIGHT LIST CORRECTIONS**

An Asterisk \*, indicates the column in which a correction has been made to new information

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8010	Trenton Channel Buoy 10A	42-09-23.874N 083-09-52.980W				Red nun.	13/16
*	*	*	*	*	*	*	*
8025	Trenton Channel Lighted Buoy 11	42-09-23.463N 083-09-57.720W	FL G 2.5s		4	Green can.	13/16
		*					

**PUBLICATION CORRECTIONS**

None

**ENCLOSURES****(1) SUMMARY OF DREDGING**

[13-16 Summary Of Dredging.pdf](#)

Construction Operations in Effect

LNM: 14/14

**(2) GREAT LAKES - General - Marine Events**

[13-16 Marine Events.pdf](#)

Summary of Marine Events

LNM: 14/14

### **(3) SUMMARY OF BRIDGE MAINTENANCE / ACTIVITIES**

[Bridge Winter Hours.pdf](#)    [2016-BRL-NOTICEtoNav-Schedule-Page.pdf](#)

Bridge Maintenance / Activities in Effect.

LNM: 14/14

### **(4) WATERWAYS ANALYSIS AND MANAGEMENT SURVEY**

[WAMS Doc.pdf](#)    [AIS ATON Announcement II.pdf](#)

Great Lakes WAMS Questionnaire

LNM: 14/14

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J. E. RYAN, RDML  
U. S. Coast Guard  
Commander, Ninth Coast Guard District

## SUMMARY OF DREDGING/CONSTRUCTION OPERATION IN EFFECT

The LNM column is where the entry originally appeared and where detailed information may be obtained. The dates listed are tentative.

LOCATION	LNM	SUBJECT	HOURS / DAYS	UNTIL
<b><u>NEW YORK STATE BARGE CANAL</u></b>				
Erie Canal, NY	19/13	DREDGING OPERATIONS	24 HRS / 7 DAYS	01 May 13 – TBD
Lockport, Brockport, and Fairport, NY	19/13	STABILIZATION OPERATIONS	24 HRS / 7 DAYS	01 May 13 – TBD
Buffalo River, NY	34/14	HABITAT RESTORATION	24 HRS / 7 DAYS	25 Aug 14 – TBD
<b><u>LAKE ONTARIO</u></b>				
None				
<b><u>LAKE ERIE</u></b>				
Cleveland, OH	05/13	CONSTRUCTION	24 HRS / 7 DAYS	29 Jan. 13 – TBD
<b><u>DETROIT RIVER</u></b>				
Detroit, MI	33/14	CONSTRUCTION	24 HRS/ 7 DAYS	11 Aug. 14- TBD
<b><u>LAKE ST. CLAIR</u></b>				
Grosse Pointe, MI	13/16	DREDGING OPERATIONS	0700-1900 / 6 DAYS	24 Mar. 16 – 09 Apr. 16
<b><u>LAKE HURON</u></b>				
None				
<b><u>STRAITS OF MACKINAC</u></b>				
None				
<b><u>ST MARYS RIVER</u></b>				
None				
<b><u>LAKE SUPERIOR</u></b>				

## SUMMARY OF DREDGING/CONSTRUCTION OPERATION IN EFFECT

The LNM column is where the entry originally appeared and where detailed information may be obtained. The dates listed are tentative.

LOCATION	LNM	SUBJECT	HOURS / DAYS	UNTIL
Portage Lake, MI	31/13	SEDIMENT REMEDIATION	24 HRS / 7 DAYS	01 Sep. 13 – TBD
Ashland, WI	30/15	CONSTRUCTION	24 HRS / 7 DAYS	03 Aug. 15 – 01 Jun 16
<b><u>LAKE MICHIGAN</u></b>				
Muskegon, MI	09/16	DREDGING OPERATIONS	12 HRS / 7 DAYS	20 Mar. 16 – 15 May 16
Sturgeon Bay, WI	09/16	DREDGING OPERATIONS	24 HRS / 7 DAYS	14 Mar. 16 – 30 Apr. 16

**GREAT LAKES - GENERAL - MARINE EVENTS – SAFETY ZONES – SECURITY ZONES**

Events listed below are those events that may have accompanying special local regulations.

<b>Location</b>	<b>LNM</b>	<b>Events</b>	<b>Dates</b>	<b>Time (Local)</b>	<b>POC or Sponsor</b>	<b>Number</b>
<b><u>LAKE ONTARIO</u></b>						
None Reported						
<b><u>LAKE ERIE</u></b>						
None Reported						
<b><u>DETROIT RIVER, LAKE ST CLAIR AND ST CLAIR RIVER</u></b>						
None Reported						
<b><u>LAKE HURON</u></b>						
None Reported						
<b><u>LAKE SUPERIOR</u></b>						
None Reported						
<b><u>ST. MARYS RIVER</u></b>						
None Reported						
<b><u>STRAITS OF MACKINAC</u></b>						
None Reported						
<b><u>LAKE MICHIGAN</u></b>						
Spring Lake, MI	13/16	Lubbers Cup Regatta	09 Apr. 16 – 10 Apr. 16	0745-1815	Sector Lake Michigan	414-747-7148

**GREAT LAKES - GENERAL - MARINE EVENTS – SAFETY ZONES – SECURITY ZONES**

Events listed below are those events that may have accompanying special local regulations.

<u>Location</u>	<u>LNM</u>	<u>Events</u>	<u>Dates</u>	<u>Time (Local)</u>	<u>POC or Sponsor</u>	<u>Number</u>
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**GREAT LAKES - GENERAL - MARINE EVENTS – SAFETY ZONES – SECURITY ZONES**

Events listed below are those events that may have accompanying special local regulations.

<u>Location</u>	<u>LNM</u>	<u>Events</u>	<u>Dates</u>	<u>Time (Local)</u>	<u>POC or Sponsor</u>	<u>Number</u>
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Sorted by Chart Number

## Authorized Winter Hours for Great Lakes Bridges

October 15, 2015 - April 30, 2016

Last Updated: 30 NOV 2015

Chart Numbe	Port Name	Bridge Name	Mile	Waterway	Start Date	End Date	Advance Notice	Primary Phone	Secondary Phone	Alternate Phone	Alternate Phone
14815	Rochester	O' Rorke	1.2	Genesee	16-Dec	31-Mar	12-hours	585-753-7720			
14832	Black Rock	Ferry Street	2.6	Black Rock	01-Dec	14-Apr	4-hours	716-866-4323			
14832	Black Rock	Canadian Natl	3.8	Black Rock	01-Dec	14-Apr	4-hours	Pending	verification		
14833	Buffalo	Michigan Ave	1.3	Buffalo River	16-Dec	21-Mar	04-hours	716-866-4323			
14833	Buffalo	Ohio St	2.1	Buffalo River	16-Dec	21-Mar	04-hours	716-866-4323			
14836	Ashtabula	Fifth Street	1.38	Ashtabula	13-Dec	29-Mar	12-hours	440-576-2816	440-969-4919	440-536-2941	419-645-9041
14836	Ashtabula	NS RR	1.4	Ashtabula	30-Nov	01-Apr	24-hours	440-992-2257			216-857-7520
14839	Cleveland	Center St	1.39	Cuyahoga	28-Dec	14-Mar	12-hours	216-664-4767	Note 4		216-857-7520
14839	Cleveland	Columbus	1.93	Cuyahoga	28-Dec	14-Mar	12-hours	216-664-4767	Note 4		216-857-7520
14839	Cleveland	West 3rd St	3.69	Cuyahoga	28-Dec	14-Mar	12-hours	216-664-4767	Note 4		216-857-7520
14839	Cleveland	Willow Ave	1.02	Cuyahoga Old	31-Dec	14-Mar	12-hours	216-664-4767	Note 4		216-857-7520
14841	Lorain	Erie Ave	0.6	Black River	01-Jan	31-Mar	12-hours	VHF-FM 16	440-244-2137		
14844	Port Clinton	Monroe St	0.4	Portage River	01-Dec	30-Apr	24-hours	419-409-0125	419-409-0247	419-409-0110	419-373-7092
14844	Port Clinton	Monroe St	0.4	Portage River	01-Dec	30-Apr	24-hours	419-373-7086	419-373-7092	419-373-4483	419-373-7086
14844	Port Clinton	NS RR	1.5	Portage River	01-Dec	30-Apr	24-hours	419-697-5077	313-323-5806		
14844	Port Clinton	NS RR	1.5	Portage River	01-Nov	01-Dec	Note 1	419-697-5077	313-323-5806		
14844	Sandusky	NS RR	3.5	Sandusky	01-Dec	31-Mar	24-hours	419-697-5077	313-323-5806		
14844	Sandusky	NS RR	3.5	Sandusky	01-Nov	01-Dec	Note 1	419-697-5077	313-323-5806		
14846	Toledo	CSX RR	1.07	Maumee	21-Dec	31-Dec	04-hours	419-661-3035	419-729-4321	419-661-0357	904-359-7551
14846	Toledo	CSX RR	1.07	Maumee	31-Dec	31-Mar	12-hours	419-661-3035	419-729-4321	419-661-0357	904-359-7551
14846	Toledo	W&LE	1.8	Maumee	21-Dec	31-Dec	04-hours	330-575-2919			
14846	Toledo	W&LE	1.8	Maumee	31-Dec	31-Mar	12-hours	330-575-2919			
14846	Toledo	Craig Mem	3.3	Maumee	21-Dec	31-Dec	04-hours	419-409-0125	419-409-0161	419-409-0110	419-373-7050
14846	Toledo	Craig Mem	3.3	Maumee	01-Jan	31-Mar	12-hours	419-409-0125	419-409-0161	419-409-0110	419-373-7050
14846	Toledo	Craig Mem	3.3	Maumee	01-Jan	31-Mar	12-hours	419-409-0125	419-409-0161	419-409-0110	419-373-7050
14846	Toledo	Craig Mem	3.3	Maumee	01-Jan	31-Mar	12-hours	419-409-0125	419-409-0161	419-409-0110	419-373-7050
14846	Toledo	MLK	4.3	Maumee	21-Dec	31-Dec	04-hours	419-936-3920	419-467-3644	419-467-3558	
14846	Toledo	MLK	4.3	Maumee	01-Jan	31-Mar	12-hours	419-936-3920	419-467-3644	419-467-3558	
14846	Toledo	NS RR	5.76	Maumee	21-Dec	31-Mar	12-hours	419-697-5077	313-323-5806		
14848	St. Clair	M29	0.1	Pine River	01-Dec	31-Mar	24-hours	810-329-7121	810-329-5710		
14848	Detroit	Grosse Ile Free	5.6	Detroit River	15-Dec	15-Mar	12-hours	734-955-2172	888-762-3273	734-576-9607	
14848	Detroit	Grosse Ile Toll	8.8	Detroit River	15-Dec	15-Mar	12-hours	734-282-2914			

Please report listing discrepancies to:  
Lee Soule, Bridge Management Specialist

9th Coast Guard District (dpb)  
Cleveland, Ohio

lee.d.soule@uscg.mil  
216-902-6085

Sorted by Chart Number

## Authorized Winter Hours for Great Lakes Bridges

October 15, 2015 - April 30, 2016

Last Updated: 30 NOV 2015

14864	Alpena	2nd Ave	0.3	Thunder Bay	01-Jan	31-Dec	03-hours	989-464-3416		
14865	Port Huron	Canadian Natl	1.56	Black River	01-Dec	31-Mar	24-hours	708-332-3160	877-333-7989	248-431-0673
14865	Port Huron	Military St	0.3	Black River	01-Dec	31-Mar	24-hours	810-985-8115		
14865	Port Huron	Seventh St	0.5	Black River	01-Dec	31-Mar	24-hours	810-985-8115		
14865	Port Huron	Tenth St	0.9	Black River	01-Dec	31-Mar	24-hours	810-985-8115		
14867	Bay City	Lake State RR	3.1	Saginaw	01-Jan	31-Mar	12-hours	989-757-7570	989-387-3941	
14867	Bay City	Canadian Natl	4.94	Saginaw	01-Jan	31-Mar	12-hours	989-529-0952	989-529-0949	
14867	Bay City	Independence	3.88	Saginaw	01-Jan	31-Mar	12-hours	989-233-1053		
14867	Bay City	Liberty	4.99	Saginaw	01-Jan	31-Mar	12-hours	989-233-1053		
14867	Bay City	Veterans Mem	5.6	Saginaw	01-Jan	31-Mar	12-hours	616-558-1040	989-892-8389	
14867	Bay City	Lafayette	6.78	Saginaw	01-Jan	31-Mar	12-hours	616-558-1040	989-892-8389	
14884	SOO	Canadian Natl		SOO LOCKS	Note 3	Note 3	Special	906-635-4276	906-630-2203	920-579-6754
14886	Cheboygan	US23	0.9	Cheboygan	16-Nov	31-Mar	08-hours	231-627-9414	231-238-7775	
14906	South Haven	Dyckman Ave	1.9	Black River	15-Oct	30-Apr	12-hours	269-637-5151		
14916	Gills Landing	Canadian Natl	27.8	Wolf River	15-Oct	15-Apr	12-hours	708-332-3893		
14916	Oshkosh	Canadian Natl	55.7	Fox River	16-Oct	19-Apr	12-hours	708-332-3893		
14916	Oshkosh	HWY Bridges	xx	Fox River	16-Oct	19-Apr	12-hours	920-832-5580	920-832-5500	920-232-1715
14917	Marinette	Ogden-First	0.4	Menominee	01-May	31-Oct	Note 2	715-923-0999	715-732-7600	
14917	Marinette	Ogden-First	0.4	Menominee	01-Nov	30-Apr	12-hours	715-923-0999	715-732-7600	
14918	Green Bay	Canadian Natl	1.03	Fox River	01-Dec	31-Mar	12-hours	920-572-0398	920-436-5902	
14918	Green Bay	Main Street	1.58	Fox River	01-Dec	31-Mar	12-hours	920-448-3100	920-492-3735	
14918	Green Bay	Walnut Street	1.81	Fox River	01-Dec	31-Mar	12-hours	920-448-3100	920-492-3735	
14918	Green Bay	Mason Street	2.27	Fox River	01-Dec	31-Mar	12-hours	920-448-3100	920-492-3735	
14918	Green Bay	Canadian Natl	3.31	Fox River	01-Dec	31-Mar	12-hours	920-572-0398	920-436-5902	
14919	Sturgeon Bay	Bayview 42/57	3	Sturgeon Bay	01-Dec	14-Mar	12-hours	920-746-0187	920-495-2278	
14919	Sturgeon Bay	Maple-Oregon	4.17	Sturgeon Bay	01-Jan	14-Mar	12-hours	920-746-0187	920-495-2278	
14919	Sturgeon Bay	Michigan St.	4.3	Sturgeon Bay	01-Jan	14-Mar	12-hours	920-746-0187	920-495-2278	
14922	Manitowoc	Eighth Street	0.29	Manitowoc	01-Nov	31-Mar	12-hours	920-686-6550	920-683-4470	
14922	Manitowoc	Tenth Street	0.43	Manitowoc	01-Nov	31-Mar	12-hours	920-686-6550	920-683-4470	
14922	Sheboygan	Eighth Street	0.69	Sheboygan	01-Nov	30-Apr	12-hours	920-980-3106	920-459-3440	
14924	Milwaukee	Broadway St	0.79	Milwaukee	20-Nov	16-Apr	12-Hours	VHF-FM 16	414-286-2575	
14924	Milwaukee	Water St	0.94	Milwaukee	20-Nov	16-Apr	12-Hours	VHF-FM 16	414-286-2575	
14924	Milwaukee	St. Paul Ave	1.21	Milwaukee	20-Nov	16-Apr	12-Hours	VHF-FM 16	414-286-2575	
14924	Milwaukee	All City Owned	1.28	Milwaukee	20-Nov	16-Apr	12-Hours	VHF-FM 16	414-286-2575	

Please report listing discrepancies to:  
Lee Soule, Bridge Management Specialist

9th Coast Guard District (dpb)  
Cleveland, Ohio

lee.d.soule@uscg.mil  
216-902-6085

Sorted by Chart Number

## Authorized Winter Hours for Great Lakes Bridges

October 15, 2015 - April 30, 2016

Last Updated: 30 NOV 2015

14924	Milwaukee	Canadian Pac	1.05	Menominee	20-Nov	20-Apr	12-Hours	414-389-3772	608-742-6000	414-278-1385	
14924	Milwaukee	Canadian Pac	1.67	Kinnickinnic	20-Nov	20-Apr	12-Hours	414-389-3772	608-742-6000	414-278-1385	
14924	Milwaukee	All City Owned	1.08	Menominee	20-Nov	16-Apr	12-Hours	VHF-FM 16	414-286-2575		
14924	Milwaukee	S. Eleventh St	1.96	Burnham	25-Nov	16-Apr	12-Hours	VHF-FM 16	414-286-2575		
14924	Milwaukee	All City Owned	1.67	Kinnickinnic	25-Nov	16-Apr	12-Hours	VHF-FM 16	414-286-2575		
14925	Racine	Main & State		Root River	01-Dec	01-Apr	2-Hours	262-636-9126	262-770-7473		
14926	Michigan City	Franklin St	0.5	Trail Creek	01-Dec	15-Mar	12-hours	219-362-6205	219-879-6700		
14926	Michigan City	Amtrak RR	0.9	Trail Creek	01-Dec	15-Mar	12-hours	312-655-2244			
14927	Chicago	All City Owned		Chicago	01-Dec	31-Mar	48-hours*	312-744-4200	312-747-2470	312-744-4280	
14929	Indiana Harbor	Indianapolis	2.59	Ind Hbr C.	02-Nov	28-Mar	12-hours	219-851-1141	219-608-4272	219-851-3944	219-575-2707
14930	St. Joe	CSX RR	0.67	St. Joe	16-Dec	28-Feb	12-hours	616-246-5600	616-246-5675		
14930	St. Joe	Blossomland	0.9	St. Joe	16-Dec	28-Feb	12-hours	269-983-5072	269-370-1870		
14930	St. Joe	Bicentennial	1.3	St. Joe	16-Dec	28-Feb	12-hours	269-926-2215	269-370-1870		
14933	Grand Haven	CSX RR	2.8	Grand River	02-Dec	15-Mar	12-hours	231-788-8392	616-293-0564		
14933	Grand Haven	US 31	2.9	Grand River	15-Dec	15-Mar	12-hours	616-842-1994	616-847-3469	616-842-5400	616-690-6111
14938	Manistee	Maple St	1.1	Manistee	01-Nov	30-Apr	24-hours	231-723-6241			
14938	Manistee	US 31	1.4	Manistee	01-Nov	30-Apr	24-hours	231-723-6241			
14938	Manistee	CSX RR	1.5	Manistee	01-Nov	30-Apr	24-hours	231-723-6241	904-359-7551		
14942	Charlevoix	US 31	0.3	Pine River	01-Jan	31-Mar	12-hours	231-499-8961	231-357-2377		
14972	Keweenaw	US 41	16	Keweenaw	01-Jan	15-Mar	24-hours	906-482-4877			
14975	Duluth	Aerial	0.25	Ship Canal	01-Jan	15-Mar	12-hours	218-723-3387	218-343-0395		
14975	Duluth	BNSF\Grassy PT	5.44	St. Louis	12-Dec	01-Jan	12-hours	715-394-1259	715-394-1257		
14975	Duluth	BNSF\Grassy PT	5.44	St. Louis	01-Jan	15-Mar	24-hours	715-394-1259	715-394-1257		
14998	Rainer	Canadian Natl	85	Rainy River	03-Nov	30-Apr	12-hours	218-628-4785			

*****	Hours not	requested yet
Note 1	0800-1600	Open On Signal
Note 2	0700-2300	Open On Signal
Note 3	See	33 CFR 117.653
*	12-Hours	Commercial

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 Note 4      [rpliodzinskas@city.cleveland.oh.us](mailto:rpliodzinskas@city.cleveland.oh.us)

Please report listing discrepancies to:  
 Lee Soule, Bridge Management Specialist

9th Coast Guard District (dpb)  
 Cleveland, Ohio

[lee.d.soule@uscg.mil](mailto:lee.d.soule@uscg.mil)  
 216-902-6085



US Army Corps  
Of Engineers  
Buffalo District  
1776 Niagara Street  
Buffalo, New York 14207-3199

# Notice to Navigation Interests

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Notice No. M16-01      Date 9 December 2015  
Black Rock Channel & Tonawanda Harbor, NY  
Waterway

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**Black Rock Lock Operations** - The Black Rock Lock hours and dates for the 2016 navigation season are as follows:

1 January - 16 April	8:00 am - 4:00 pm Monday - Friday
3 May - 6 May	Closed for Maintenance
17 April - 14 May	8:00 am - 4:00 pm Monday - Sunday
15 May - 17 September (Extended Season)	8:00 am - 10:00 pm Weekdays 11:00 am - 10:00 pm Weekends
18 September - 29 October	8:00 am - 4:00 pm Monday - Sunday
30 October - 31 December	8:00 am - 4:00 pm Monday - Friday

**For any lock transit requests during the period 3 May thru 6 May 2016 please call 716-879-4403 to check on current maintenance and lock reopening status.**

The lock will be closed on the following 2016 Federal Holidays:

**01 January / 18 January / 15 February / 11 November / 24 November / 26 December**

Commercial traffic will be accommodated on a 24-hour basis with prior notification.

Questions on lock operations may be directed to the Black Rock Lock during scheduled operating hours by calling (716) 879-4403 or to the New York/Pennsylvania Operations and Maintenance Office between the hours of 7:00 a.m. and 3:00 p.m. at (716) 879-4293, Fax (716) 879-4356. The Lock may also be contacted on marine radio channel 16 (working Channel 12).

**Tug and Barge Operators are reminded that Personal Flotation Devices (PFDs) are required for all Barge personnel during the approach and while transiting the Lock and are recommended for all vessel crew members and passengers.**

The Black Rock Lock Channel extends from Buffalo Harbor to the Black Rock Lock. It is three and one-half miles in length. The Federal navigation channel has a minimum width of 200 feet. Pleasure crafts are required to yield the right-of-way to commercial vessels due to the confined waters of the channel.

The Black Rock Lock and the Black Rock Channel provide safe passage for vessels to travel between Buffalo Harbor and Tonawanda Harbor around the reefs, rapids and fast currents that exist in the upstream portion of the Niagara River.

In combination with the New York State Erie Canal, Black Rock Lock and Black Rock Channel provide an inland water route between Lake Erie and the Atlantic Ocean. Branch canals in the New York State canal system provide vessels access to Lake Erie and Lake Champlain.

Charts: 14832 - Upper Niagara River, New York  
14833 - Buffalo Harbor, New York

Edward F. Gawarecki  
Chief, NY/PA O&M Office

## Waterway Analysis and Management System Survey

Name of Waterway: \_\_\_\_\_

### User Information

\_\_\_ Commercial User

\_\_\_ Recreational User

Number of years in the maritime industry or number of years using this waterway: \_\_\_\_\_

Number of transits in the waterway per year: \_\_\_\_\_

Number of night transits of waterway: \_\_\_\_\_

Seasonal Dates: Start: \_\_\_\_\_ End: \_\_\_\_\_

Name of Vessel: \_\_\_\_\_

Vessel Description: \_\_\_\_\_

Length: \_\_\_\_\_ Beam: \_\_\_\_\_ Draft: \_\_\_\_\_ Gross Tons: \_\_\_\_\_

Net Tons: \_\_\_\_\_ Bridge Height of Eye: \_\_\_\_\_

Cargo Carried: \_\_\_\_\_

Navigational tools used: (ECDIS/ECPINS, GPS, DGPS, VISUAL, RADAR) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

What area do you believe is the most dangerous or difficult to navigate: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Are the floating aids to navigation (lighted and unlighted buoys) adequate for this waterway: \_\_\_\_\_

\_\_\_\_\_

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Are the fixed aids to navigation (lights, ranges, lighthouses, daybeacons) adequate for this waterway: \_\_\_\_\_

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Are the year round and lighted ice buoys adequate: \_\_\_\_\_

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Are there buoys that you feel should be changed to fixed aids to navigation?

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Are there any buoys that could be eliminated from this waterway: \_\_\_\_\_

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Are there any buoys with sound signals that the bell or gong could be removed:

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Are there any areas that require additional aids to navigation in this waterway:

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Do the nautical charts, Coast Pilot, and Light List meet your needs for this waterway:\_\_\_\_\_

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Are there private Aids to Navigation that you find misleading or interfere with the current system in the waterway:

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Any addition comments on this waterway: \_\_\_\_\_

Thank you for taking time to comment on this waterway. Your input as a mariner very valuable to the U. S. Coast Guard in evaluating waterways to make them safe and as easily navigable as possible. Please feel free to contact Mr. Doug Sharp at [william.d.sharp@uscg.mil](mailto:william.d.sharp@uscg.mil) or (216) 902-6070 with any other questions or concerns about any aids to navigation in the Great Lakes. The survey can be mailed to:

Commander (dpw-2)  
Ninth Coast Guard District  
1240 East Ninth Street  
Cleveland, Ohio 44199

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## U.S. Coast Guard to Test Automatic Identification System (AIS) Aids to Navigation (ATON)

In the near future, the U.S. Coast Guard and other authorized agencies and organizations (i.e., U.S. Army Corps of Engineers, Marine Exchange of Alaska) will begin transmitting AIS ATON messages and marine safety information via AIS for testing and evaluation. The exact content, location, and times of these broadcasts will be announced in future Local Notices to Mariners.

AIS is an internationally adopted radio communication protocol that enables the autonomous and continuous exchange of navigation safety related messages amongst vessels, lifeboats, aircraft, shore stations, and aids to navigation (AIS ATON). AIS ATON stations broadcast their presence, identity (9-digit Marine Mobile Service Identity (MMSI) number), position, and status at least every three minutes or as needed. These broadcasts can originate from an AIS station located on an existing physical aid to navigation (Real AIS ATON) or from another location (i.e., AIS Base Station). An AIS Base Station signal broadcasted to coincide with an existing physical aid to navigation is known as a Synthetic AIS ATON. An electronically charted, but non-existent as a physical aid to navigation, is identified as a Virtual AIS ATON. The latter two can be used to depict an existing aid to navigation that is off station or not watching properly or to convey an aid to navigation that has yet to be charted. All three variants can be received by any existing AIS mobile device, but they would require an external system for their portrayal (i.e., AIS message 21 capable ECDIS, ECS, radar, PC). How they are portrayed currently varies by manufacturer, but the future intention is for the portrayal to be in accordance with forthcoming International Standards (i.e., IEC 62288 (Ed. 2), IHO S-4 (Ed. 4.4.0)).

Mariners capable of receiving and displaying these test AIS messages are encouraged to provide feedback and report any anomalies to the USCG NAVCEN Website: <http://www.navcen.uscg.gov> | Contact Us Tab | Subject: AIS | Category: AIS Testing.

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### Example of Local Notice to Mariners Chart Corrections for AIS ATONs

#### Chart Correction for *Real AIS ATON*

12326	52nd Ed.	01-JUNE-13	Last LNM: 53/13	NAD 83		LNM/14
Chart Title: <i>Approaches to New York</i>						
ADD		Magenta circle AIS Chart No. 1: S17.2 to ABC Channel Lighted Whistle Buoy A and			CGD 40-27-27.991N	073-50-12.228W
CHANGE		Characteristic to RW "A" Mo (A) WHIS Racon ( " ) AIS				

#### Chart Correction for *Synthetic AIS ATON*






18649	68th Ed.	01-JUNE-13	Last LNM: 52/13	NAD 83		LNM/14
Chart Title: <i>Entrance to San Francisco Bay</i>						
ADD		Magenta circle AIS Chart No. 1: S17.2 to ABC Approach Lighted Whistle Buoy AB and			CGD 37-44-59.749N	122-41-33.940W
CHANGE		Characteristic to RW "AB" Mo (A) WHIS Racon ( - - ) AIS				

#### Chart Correction for *Virtual AIS ATON*

12314	33rd Ed.	01-JUNE-12	Last LNM: 51/13	NAD 83		LNM/14
Chart Title: <i>Delaware River Philadelphia to Trenton</i>						
ADD		ABC Railroad Bridge South Starboard V-AIS ATON Chart No. 1: S18.2		to	CGD 39-58-55.059N	075-04-06.856W
ADD		ABC Railroad Bridge South Port V-AIS ATON Chart No. 1: S18.2		to	38-58-55.803N	076-23-04.547W

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## Virtual AIS ATON Symbology for Electronic Chart Display and Information System (ECDIS)

Port Lateral (IALA B)	A Virtual object marking the port side of a channel	
Starboard Lateral (IALA B)	A Virtual object marking the starboard side of a channel	
Isolated Danger	A Virtual object marking an isolated danger	
Safe Water	A Virtual object marking safe water	
Special Purpose	A Virtual object used to mark an area or feature referred to in nautical documents	

## AIS ATON Symbology of the International Electrotechnical Commission (IEC) and International Maritime Organization (IMO)

